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PATENT

Docket No.: 55197US002

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GROUP 1600

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Douglas Quong

Serial No.: 09/425,636

Filed: October 22, 1999 CPA Filed: March 6, 2002

ACTIVE MATERIAL WITHIN HYDROGEL MICROBEADS For:

### <u>AMENDMENT</u>

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

This is in response to the Office Action mailed on May 10, 2002. Reconsideration of the application is requested in view of the following amendments and remarks.

#### Remarks

Enclosed is a copy of a Preliminary Amendment that was first transmitted to the USPTO by facsimile on March 29, 2002 (confirmations of transmission/receipt also enclosed). Upon receipt of the instant Office Action, it appeared that the Examiner had not considered the Preliminary Amendment, and, in a telephone inquiry, the Examiner confirmed that she had not seen it. The Preliminary Amendment was then re-transmitted to the USPTO on May 23, 2002 (confirmation enclosed). Since no other communications have been received in the interim, Applicant is now re-submitting the Preliminary Amendment (incorporated

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08/07/02 15:10 ☐:03/13 No:030

by reference herein) in official response to the instant Office Action, as the Preliminary Amendment is believed to fully address the Examiner's concerns.

### Concluding Remarks

Reconsideration and allowance of Applicant's claims are respectfully solicited. In the event that a phone conference between the Examiner and the Applicant's undersigned attorney would help resolve any remaining issues in the application, the Examiner is invited to contact said attorney at (651) 733-1189.

Respectfully Submitted By:

Office of Intellectual Property Counsel 3M Innovative Properties Company P.O. Box 33427 St. Paul, Minnesota 55133-3427

Telephone: (651) 733-1189

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Docket No.: 55197US003

## In The United States Patent and Trademark Office

In re Application of: Douglas Quong

Serial No.: 09/425,636

Filed: October 22, 1999

CPA Filed: March 6, 2002

Group Art Unit: 1617

**ACTIVE MATERIAL WITHIN HYDROGEL MICROBEADS** For:

### PRELIMINARY AMENDMENT

Commissioner for Patents Washington, D.C. 20231

Dear Sir:

Reconsideration of the application is requested in view of the following amendments and remarks.

### In the Claims

Please amend Claim 1 to read as follows:

- 1. (twice amended) A method of delivering and releasing active material comprising the steps of:
  - a) providing hydrogel microbeads each comprising a plurality of active material droplets entrained within a hydrophilic matrix that is cured non-chemically at temperatures in the range of about 10°C to about 40°C or that is cured chemically, said microbeads having an average diameter between about 1 µm to about 1000 µm;
  - b) creating a suspension of a plurality of said microbeads;

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